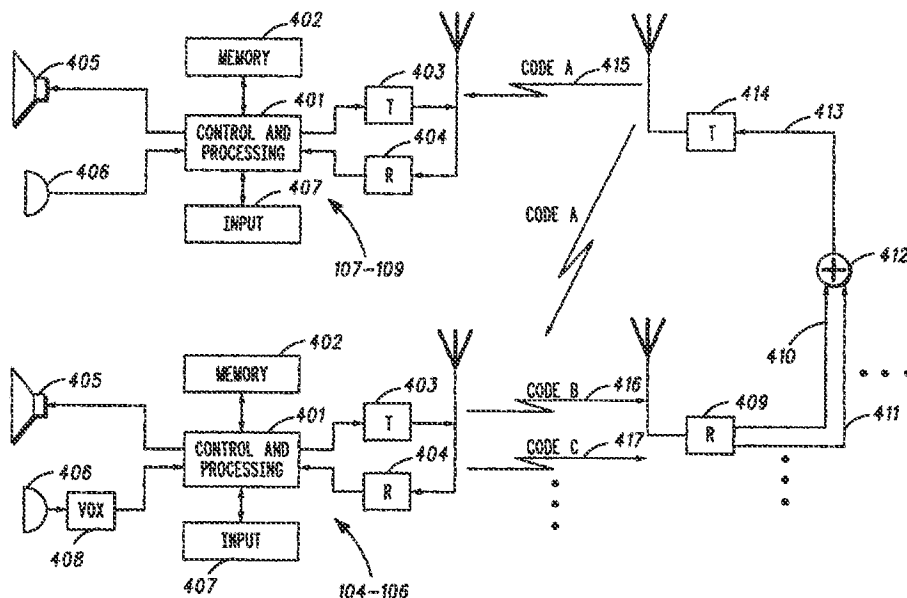


<p>(51) International Patent Classification ⁶ : H04B 7/216, H04J 3/24, H04Q 7/00, H04L 12/16</p>	<p>A1</p>	<p>(11) International Publication Number: WO 99/22466</p> <p>(43) International Publication Date: 6 May 1999 (06.05.99)</p>
<p>(21) International Application Number: PCT/US98/14654</p> <p>(22) International Filing Date: 17 July 1998 (17.07.98)</p> <p>(30) Priority Data: 08/958,041 27 October 1997 (27.10.97) US</p> <p>(71) Applicant: MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).</p> <p>(72) Inventors: GRUBE, Gary, W.; 561 Chateaux Bourne, Barrington, IL 60010 (US). COMROE, Richard, A.; 10 Lexington Drive, South Barrington, IL 60010 (US).</p> <p>(74) Agents: MORENO, Christopher, P. et al.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).</p>		<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p>
		<p>Published</p> <p><i>With international search report.</i></p> <p><i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>

(54) Title: METHOD AND APPARATUS FOR A TALKGROUP CALL IN A WIRELESS CDMA SYSTEM



(57) Abstract

In a wireless code-division multiple access (CDMA) system (100), a talkgroup (101) of subscriber units is provided. A sub-group (102) of subscriber units, forming a part of the talkgroup is assigned at least one inbound code (416-417). The entire talkgroup is assigned an outbound code (415). Members of the sub-group may simultaneously transmit voice information (410-411) using the at least one inbound code, which voice information is summed (412) and retransmitted to the talkgroup using the outbound code. Subscriber units in the talkgroup, but not included in the sub-group, are allowed to transmit voice information only after requesting, and receiving, an additional inbound code.